Agenda

• Purpose of the Meeting
• 2012 Master Plan Review
• Status of Projects
  – Completed
  – In Design
  – In Planning
  – Other
• Comments and Questions
Purpose of the Meeting

• Review and update the community on progress and modifications to the 2012 Master Plan.

• Status of Projects
Purpose of the Campus Plan

• So our short term decisions are part of a long term vision for the campus

• To ensure the look, feel and function of our campus is reciprocal with our academic mission

• To create a shared and supported framework which will inform our planning decisions campus wide

• To create a document which can help us meet our goals, raise our aspirations, and help raise funds
Our Process

• Nearly 200 Events
• Over 350 Hours
• With
  – Campus Stakeholder Groups
  – CPPC, UPAC, PTAB, Pedestrian Safety, etc.
  – Faculty Senate
  – Student Senate
  – Student Groups
  – Deans and Faculty Presentations
  – Individuals
  – Open Campus Forums
  – Student Poster Sessions
  – Professional Organizations
  – PUMA
  – Local Town Officials and Commissions
  – Local Neighbors
  – Regional Planning Agency
Our Process

Web site was developed as permanent platform for web based participation process, communication and planning resources.

Over 3,500 Visits
Analysis
Analysis
Guiding Principles

1. Understand the Long-Term Growth Potential
2. Build a series of systems as the framework for growth
   - Build an open space framework
   - Create a clear vehicular and pedestrian circulation system
   - Develop an active mixed-use campus core
3. Create growth opportunities and flexibility for the future
4. Respect planning and building heritage
5. Sustainability – Live it, Learn it, Lead it
6. Embrace Community Connectivity
Creating Campus

- Open Space
- Pedestrian Circulation
- Bike Ways
- Roadways
- Land Use
- Utilities
Open Space

Existing
Open Space

Existing

Proposed
Pedestrian Spines

Existing
Pedestrian Spines

Existing

Proposed
Bikeway

Existing

Proposed
Land Use

Existing
Land Use

Existing

Proposed
Project Status – Completed Projects
Integrative Learning Center
Football Performance Center
Jacobson Press and Skybox Complex
Project Status – In Construction
In Construction

• Kennedy Champions Center
Kennedy Champions Center Center

- GSF 53,000
- Under construction; to be completed in July 2015.
- Features:
  - 2 full basketball courts
  - Locker rooms
  - Direct connection to Mullins Center
  - Hydrotherapy and sports medicine
  - Strength training
  - Coaches offices
  - Legacy hall
In Construction

• Kennedy Champions Center

• School of Education
School of Education

• 100,100 GSF

• Late design/early construction; scheduled for completion Spring, 2016.

• Selective demolition, abatement, and construction in the Mark’s Meadow portion of the building is underway.

• Upgraded and expanded home for the College of Education.

• Allows for relocation of staff and eventual demolition of Hills House.
Current Major Projects

- Kennedy Champions Center
- School of Education
- South College Academic Facility
South College Academic Facility – Reno & Addition

• 97,500GSF total
• Associated steamline work underway.
• Building construction to start this winter with selective interior demolition.
• Scheduled for completion Summer, 2016.
• Home of the College of Humanities & Fine Arts.
• Enables demolition of Bartlett Hall.
Enabling Infrastructure

• Tillson Substation
  o Completion Fall, 2015
  o Tie to regional 115KV transmission lines
  o Annual transmission line savings of $1M
  o Expands electrical capacity and system reliability
  o Supports expansion of on-campus sustainable electrical generation

• Chilled Water Plant Expansion & Upgrades
  o Expands chilled water capacity
  o Reduces chiller DM
In Construction

• Enabling Infrastructure
  o Tillson Substation
  o Chilled Water Plant Expansion & Upgrades
Project Status – In Design
In Design

• Enabling Infrastructure
  o Tillson Substation
  o Chilled Water Plant Expansion & Upgrades

• Integrated Design Building
Integrated Design Building

- 80,000 GSF


- For programs in Landscape Architecture and Regional Planning, Architecture, Building Construction Technology.

- Wood structure

- Enables demolition of Hills House.

- Will require a loss of parking spaces in Lot 62. Parking lot being built on the former French Greenhouse site.
In Design

- Enabling Infrastructure
  - Tillson Substation
  - Chilled Water Plant Expansion & Upgrades

- Integrated Design Building

- Physical Sciences Building
Physical Sciences Building

• 104,000GSF total (91K PSB, 13K WES)
• In design; construction spring, 2015 – early 2018.
• Moves Organic Chemistry out of Lederle High Rise.
• Physics, including High Bay Labs; moves faculty out of Hasbrouck.
• Improved loading dock to serve PSB, Lederle and Goessmann.
• Move and renovate West Experiment Station.
• Begins Ellis Way
In Design

- Enabling Infrastructure
  - Tillson Substation
  - Chilled Water Plant Expansion & Upgrades

- Integrated Design Building

- Physical Sciences Building

- Old Chapel Renovation
Old Chapel Renovation

• 21,000 GSF

• In design; construction scheduled for August, 2015 – October, 2016.

• Built in 1885 – iconic core campus structure

• Planned multi-purpose use, exhibit space, function rooms, offices and gathering space.
Solar Arrays

Solar Energy Plan:

• Procure 15% of annual electricity consumption from renewable sources by 2012 and 30% by 2020 (EO484 Mandate)

• Current 2014 Production: ~15,600 kWh, less than 0.1%. (Deerfield Farm Research Project)

• Commonwealth Goal: 1600 MW by 2020

• Onsite renewable energy on campus core will help position University as green energy leader and attract top-tier students.

• Off campus Solar: Net Excess Generation Projects in Hadley (500kW) and Whately (2MW)

• Multiple campus projects being planned…
Solar Arrays

- Pilot Parking Lot Project
  320,000 kWh/yr

- Kennedy Champions Center
  320,000-428,000 kWh/yr

- Central Heating Plant
  Solar Water Heater
  Pretreatment
Project Status – In Planning
Joint Town-Gown Steering Committee

- Final Consultant Team Presentation @ www.umass.edu/town-gown
- Presentation includes 2013 Master Plan for mixed use Massachusetts Avenue
- Continuing to look for transitional research sites
- Recommends continuing planning of project with a joint Town and Institution Committee
In Planning

• Isenberg School of Management Addition
Isenberg School of Management Addition
Energy Master Plan Highlights

• 70% of present and future heat and electricity is produced very efficiently at CHP with natural gas.

• Future need will be a mix of fuel sources.

• Aggressively pursuing conservation actions and renewable sources.
Student Experience Master Plan

- Combined Student Center Study with Student Housing Study
- Added other support functions
- Aligns with strategic planning efforts
- Comprehensive plan to improve quality of life for UMass Amherst Students
Questions?